Sino-Singapore Guangzhou Knowledge City
– Developing a CITY of the FUTURE

May 2016
How Guangzhou Knowledge City Started:

“...Guangdong now would like to leverage on the successful experience of Singapore, and integrate it with the actual conditions in Guangdong, thereby forging a way that is suitable for Guangdong, so that it can become a modern city like Singapore”

Then PS Wang Yang Lianhe Zaobao

1 Sep 2008

Guangdong Party Secretary Wang Yang led a 400 member delegation to Singapore in Sep’08
SSGKC - Master Plan

• Core development of the Guangzhou Eastern Scenic New City

• Total land area of **123 km²**

• Developable area of **60 km²**

• Planned population is **500,000**
SSGKC - Vision and Concept

- A unique and distinctive city well-known in China and globally for its dynamic economy and environmentally friendly living environment

- A vibrant community where people “live, work, learn and play” in harmony

- Where talent and enterprise converge to create new innovations, ventures, high value products and services for the world
Accessibility: Roads & Expressways

- Located between 2\textsuperscript{nd} and 3\textsuperscript{rd} Ring Road
- Accessible via Guanghe Highway

Infrastructure:

- Inter-City Highways
- City Ring Roads
- GZ Expressways
Metro System

- Extension of Line 14 from the city centre, including dedicated Knowledge City Line
- Extension of Lines 6 and 21

High Speed Intercity Rail

- 15 min to Baiyun International Airport
- 45 min to Shenzhen
- 1 hr to Hong Kong

Guangzhou City Centre

Knowledge City Line

To Airport, GZ North Station

SITE

Science City

To Dongguan, Shenzhen, Hong Kong

Infrastructure:

Accessibility: Rail & Metro
As at end 2015, a total of RMB 45.79 bil has been invested in the rail networks, resettlements, major expressways, common services tunnels, SMART & Eco City infrastructure works thereby laying down the foundation for future developments.
Infrastructure:

- **Smart City** Integrated Urban Management Systems

**Smart City Initiatives:**

- First batch of State-level Smart City Pilot
- Smart City Master Plan by Singapore’s IDA International
- EZ-Link – Lingnan Pass One Card
- Smart Homes - 3 Network Convergence
- e-Government, Smart School, Smart Healthcare
Infrastructure:

- **Eco City**  *Integrating Urban Planning with Sustainability Solutions*

**Eco City Initiatives**

- Eco City Master Plan
- ‘Green Buildings/Districts Standards & Guidelines’ by Singapore’s Building and Construction Authority
- Apply for SSGKC to be ‘State level Eco pilot city’
- **Green Energy** – Solar Power, District Cooling
- **Green Utility Services**: Potable Water to every tap

✓ **Smart Eco Technology Demo Centre**
  - Office cum exhibition centre;
  - Open platform for leading urban technology solutions
Learning City - Providing the foundation for a knowledge economy

Learning City Initiatives

- Education Hub: Top-tier colleges and universities to conduct programs in GKC
  - Sino-Singapore International Joint Research Institute – NTU, SCUT
  - Peking University Science and Research Institute
  - Zhejiang University Southern China Research Institute
  - Warwick University Collaboration
- Vocational Teachers’ training, skills upgrading and learning: ITEES, Polys, etc
- Elementary Schools – Guangzhou No.2 Middle School, etc
- International Schools - HCI, Etonhouse Preschool, etc
- Lifelong learning – GKC Centre of Excellence for Software Transfer (CREST), Smart Libraries ‘Learning for all, Learning for Life’
Talent: Centre of Excellence for Software Transfer (CREST)

- Singapore public sectors
- PRC public sectors
- Singapore private sector
- PRC private sector
- CREST
- Other institutions
- NTU
Talent: Development Programs

Study Visit to Singapore

Sino-Singapore Knowledge Forum

Trainings

Seminar
Eco-system:

An Eco-system for Industry Development

‘4 Pillars + 1 Hub

- eGovt
- eTransport
- eHealth
- eNergy Management

Intellectual Property Rights Protection regime and services

Sino-Singapore International Joint Research Institute and others

Fiscal Policies, funding and talent support
Eco-System

Learning – Innovation – Entrepreneurship

- Start-ups and growth companies
- Innovation and tech community

- Investments
- Liveable environment
- Market access
- Work space
Eco-system: Integrated Intellectual Property Hub

- Pilot Reform on Intellectual Property Rights Protection and IP applications.
- Leveraging the Patent Examination Cooperation Center of the Patent Office, SIPO, Guangdong, SSGKC will build an integrated IP protection and services zone focusing on IP trading, evaluation, pledge, information service, agency service, training and financing.

- **Guangzhou IP Court** set up in December 2014.
- Collaboration with IP Academy, IPOS International, SIAC, etc
- **IPOS Rep Office** at SSGKC
- **SSGKC as the pilot model site between IPOS and SIPO.**
- Services Hub for both local and foreign IP-related service agencies
Government:

- An Internationalized and Diversified Economy
- Long Term Planning and Execution
  - Social Compact between the Government and the People
  - Development of Human Capital
  - Rule of Law
  - Open and Internationalized Economic Structure
Geographical Advantages

- SSGKC is strategically located within the *Guangzhou Eastern Scenic Region* — with best Air Quality in Guangzhou, quality Eco environment
- Centrally located, with accessible road and rail networks
livability:

place management: sharing singapore’s experience through software platforms

• annual sino-singapore knowledge forum
• social management software collaboration
• integrated family services centers
• three-year talent training program
• tripartite management software collaboration
• sino-singapore talent development alliance
• sino-singapore youth exchange program between pa youth movement and gdd/luogang youth federation
Livability:

Community Development Activity

Volunteer Activity
Strategic Collaboration

3. Learning City
2. Eco City
1. Smart City

GKC Development Plan
Software Collaboration

SSGKC Knowledge Forum

Talent Training Program

Sino-Singapore Youth Exchange Activity

Community Activity at Jiulong Town
Software Collaboration

Study visit to hawker center management in Singapore

Community Activity at Jiulong Town

Training of SG Govt-Linked Co’s Management Model

Seminar conducted for Guangzhou Committee for Social Affairs
Summary: SSGKC as a Sustainable City

1. Talent
   - Education: schools, institutions (HCI, NTU, SCUT, TUM)
   - Talent attraction policies (‘1000 Talent Plan’)
   - Talent Development/Upgrading platform - CREST

2. Liveability
   - Commercial establishment (NCs), connectivity, parks
   - Convenience: banks, post office, convenient shops etc
   - Affordable housing price, conducive factors

3. Eco-System
   - Research institutes, eg JRI
   - R&D Labs
   - Queen bee & upper/lower stream industries

4. Built Environment
   - Infrastructure (1R3W)
   - Transport
   - Connectors

5. Government
   - KCAC delegations
   - Industry related policies
   - Financial innovations

Source: BCG
Welcome to SSGKC